

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081320\
 Data File : VW016173.D
 Acq On : 13 Aug 2020 11:12
 Operator : SY/VA
 Sample : L3599-12
 Misc : 6.17G/10ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAY94

Quant Time: Aug 14 06:20:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 14 06:19:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	477421	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	418710	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	150358	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	114275	19.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.24%
7) Chloroethane-d5	2.89	69	87019	19.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.48%
10) 1,1-Dichloroethene-d2	4.01	63	187572	14.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.68%
20) 2-Butanone-d5	7.09	46	68547	44.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.02%
24) Chloroform-d	7.65	84	266449	20.80	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.20%
26) 1,2-Dichloroethane-d4	8.31	65	140851	20.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.80%
29) Benzene-d6	8.27	84	516998	22.70	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.80%
33) 1,2-Dichloropropane-d6	9.28	67	157075	23.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.80%
37) Toluene-d8	10.33	98	463133	22.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.68%
38) trans-1,3-Dichloropropene-	10.58	79	67370	22.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.52%
39) 2-Hexanone-d5	10.93	63	58506	50.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.26%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	130404	23.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	128264	24.07	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.28%

Target Compounds

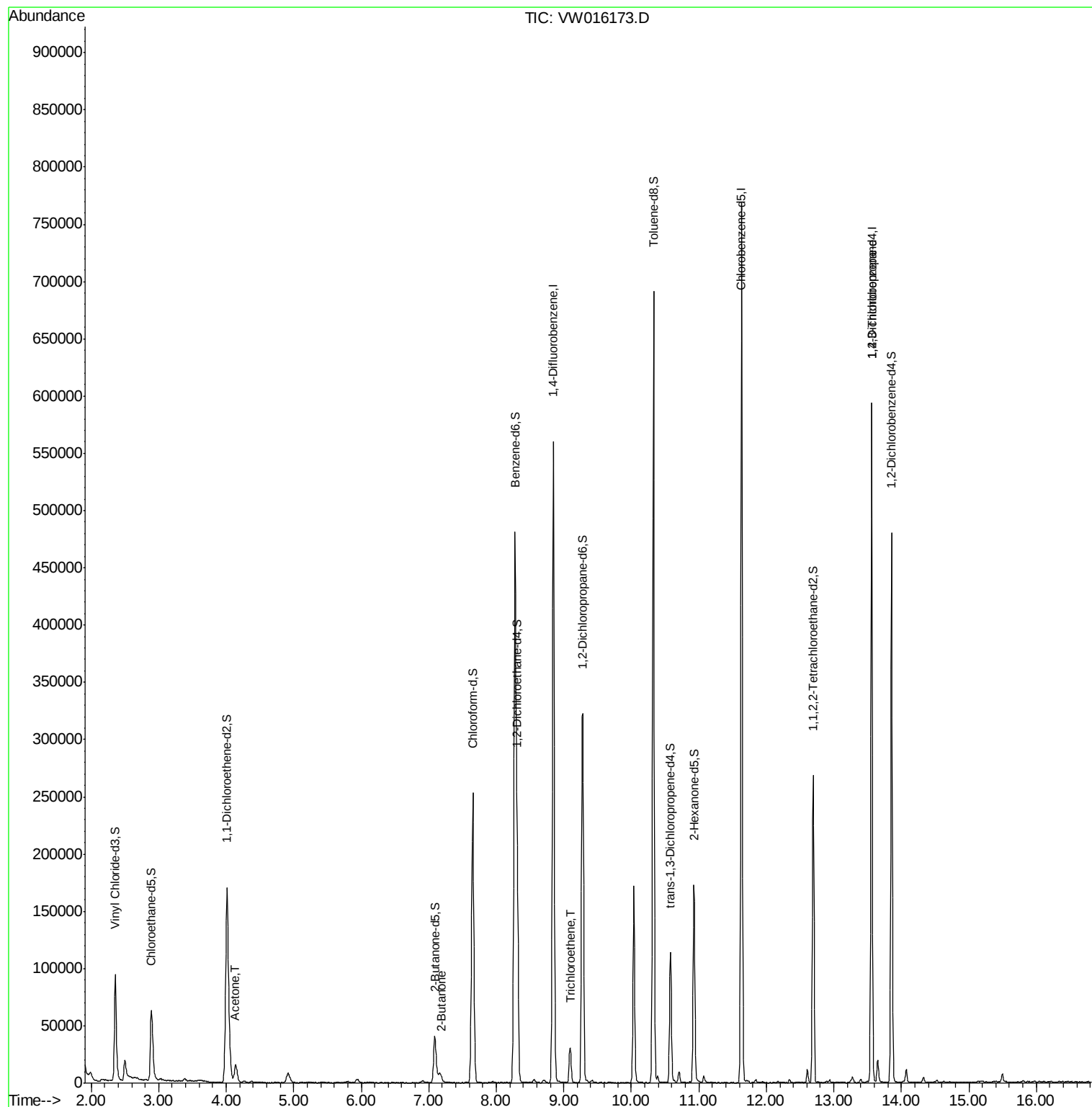
					Ovalue
13) Acetone	4.14	43	27863	23.648 ug/L	95
21) 2-Butanone	7.19	43	4407	2.360 ug/L #	72
35) Trichloroethene	9.09	95	10836	1.669 ug/L	95
59) 1,2,3-Trichloropropane	13.56	75	18139	4.397 ug/L	93

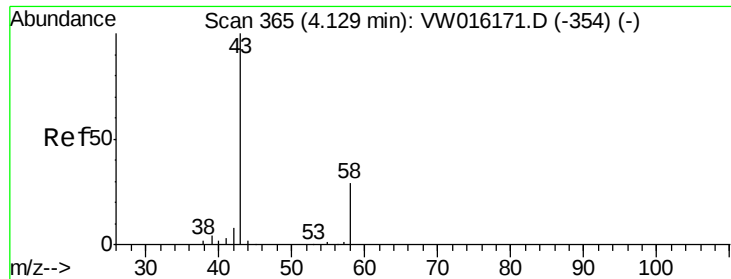
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 23.648 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW016173.D

Acq: 13 Aug 2020 11:12

Instrument :

MSVOA_W

ClientSampleId :

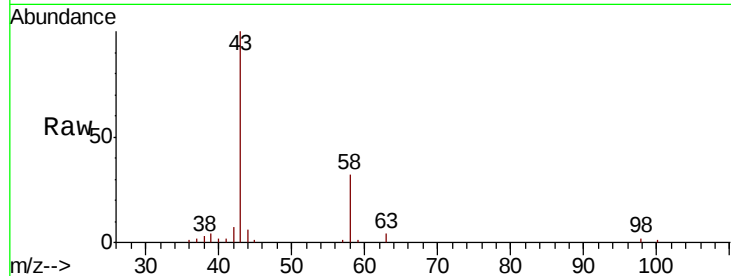
GAY94

Tot Ion: 43 Resp: 27863

Ion Ratio Lower Upper

43 100

58 32.6 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

10000

8000

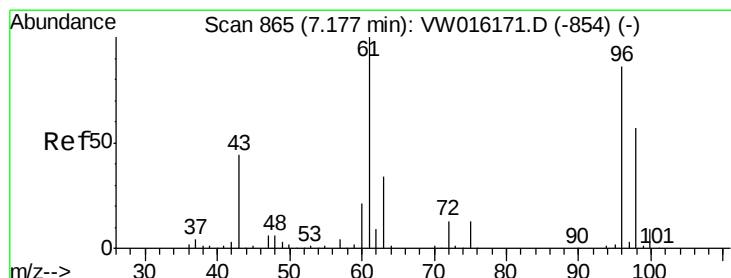
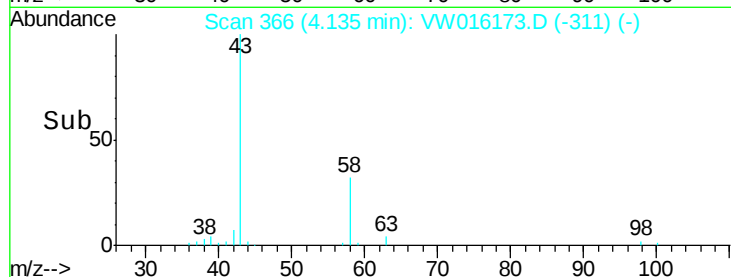
6000

4000

2000

0

Time-->



#21

2-Butanone

Concen: 2.360 ug/L

RT: 7.19 min Scan# 867

Delta R.T. 0.01 min

Lab File: VW016173.D

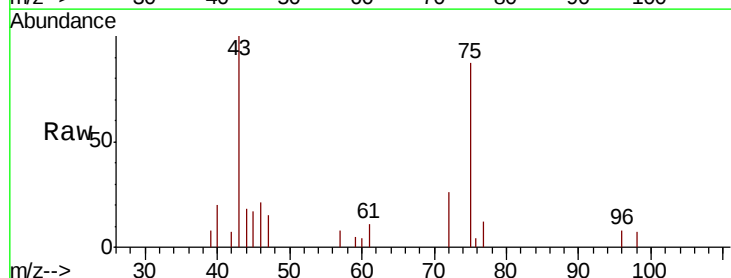
Acq: 13 Aug 2020 11:12

Tgt Ion: 43 Resp: 4407

Ion Ratio Lower Upper

43 100

72 13.0 13.9 41.7#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

7.19

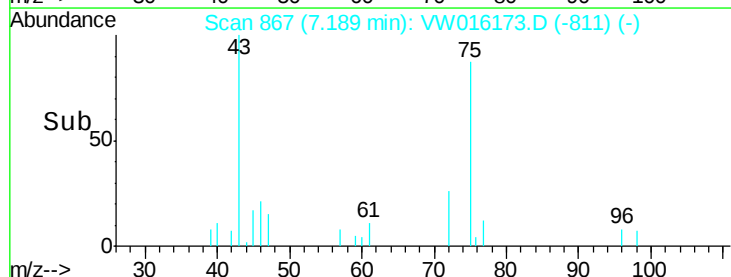
1500

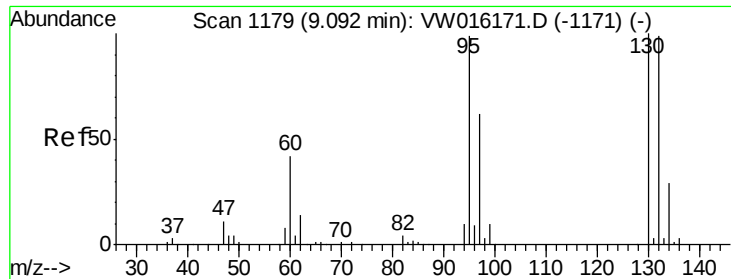
1000

500

0

Time-->





#35

Trichloroethene

Concen: 1.669 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW016173.D

Acq: 13 Aug 2020 11:12

Instrument :

MSVOA_W

ClientSampled :

GAY94

Tot Ion: 95 Resp: 10836

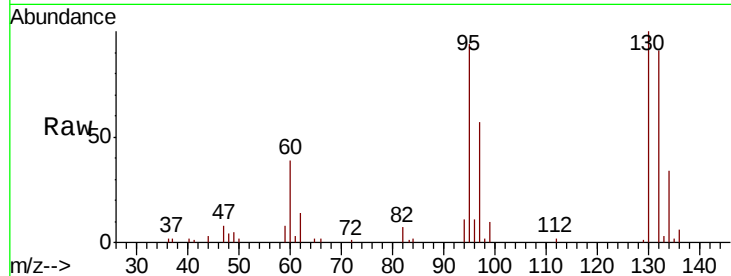
Ion Ratio Lower Upper

95 100

97 62.8 44.9 83.3

132 99.6 65.8 122.2

130 104.6 69.5 129.1

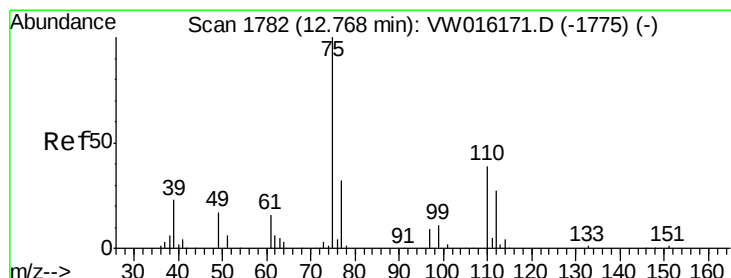
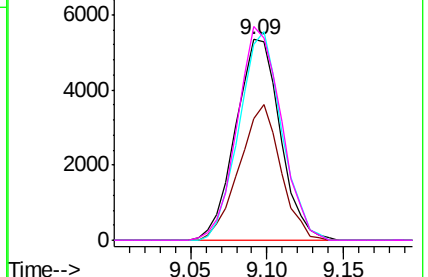
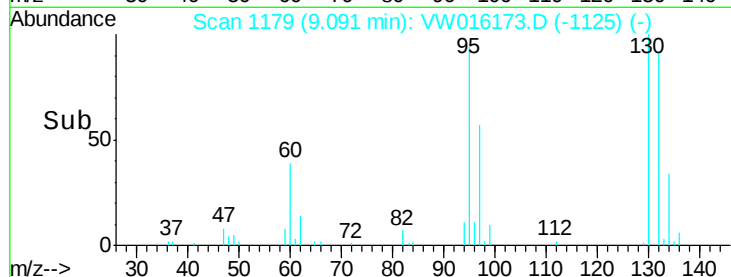


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW



#59

1,2,3-Trichloropropane

Concen: 4.397 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016173.D

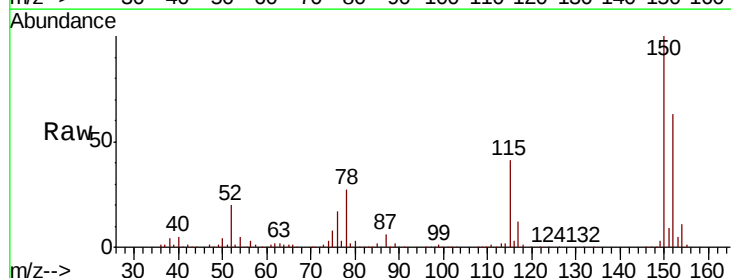
Acq: 13 Aug 2020 11:12

Tgt Ion: 75 Resp: 18139

Ion Ratio Lower Upper

75 100

77 36.2 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

